

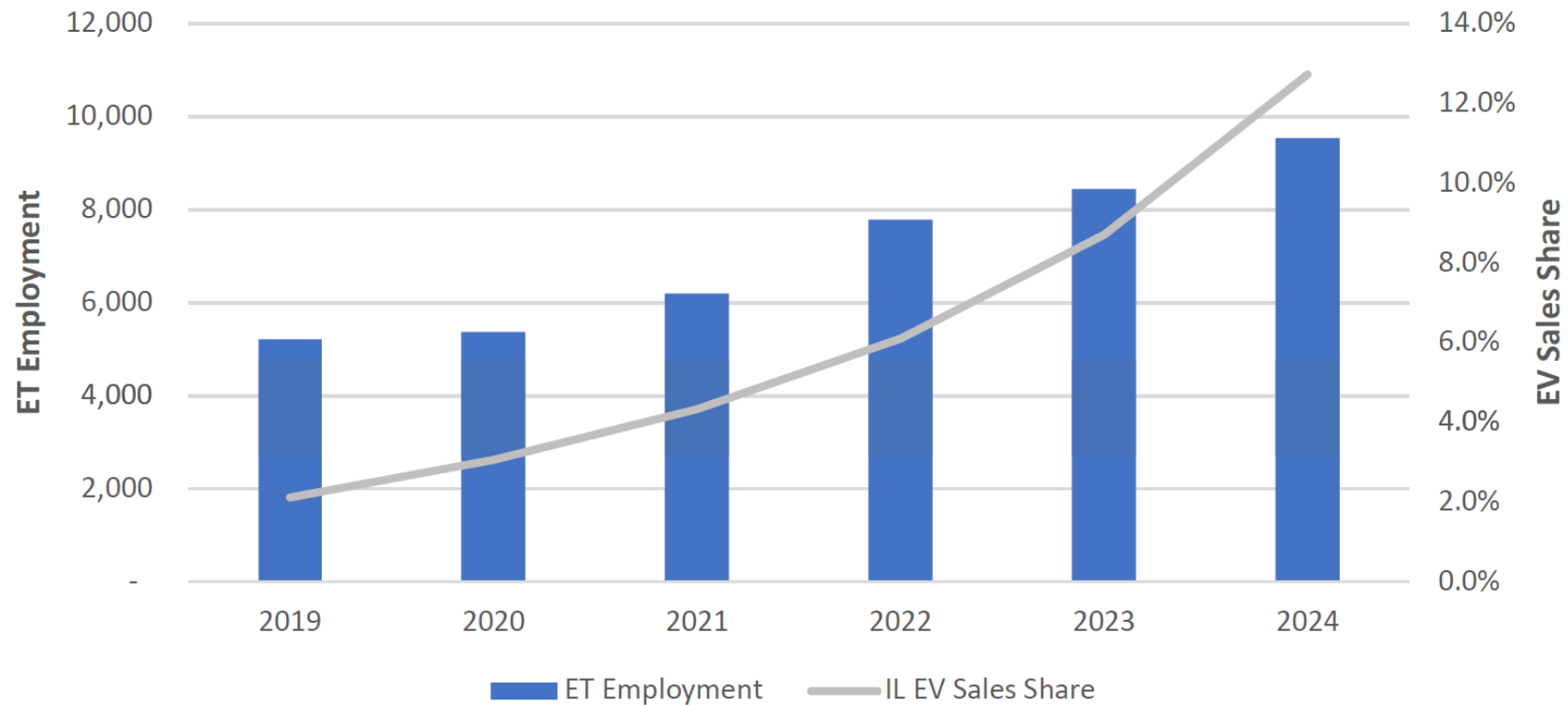
ADVANCED MANUFACTURING

and TECHNICAL TRAINING ACADEMY



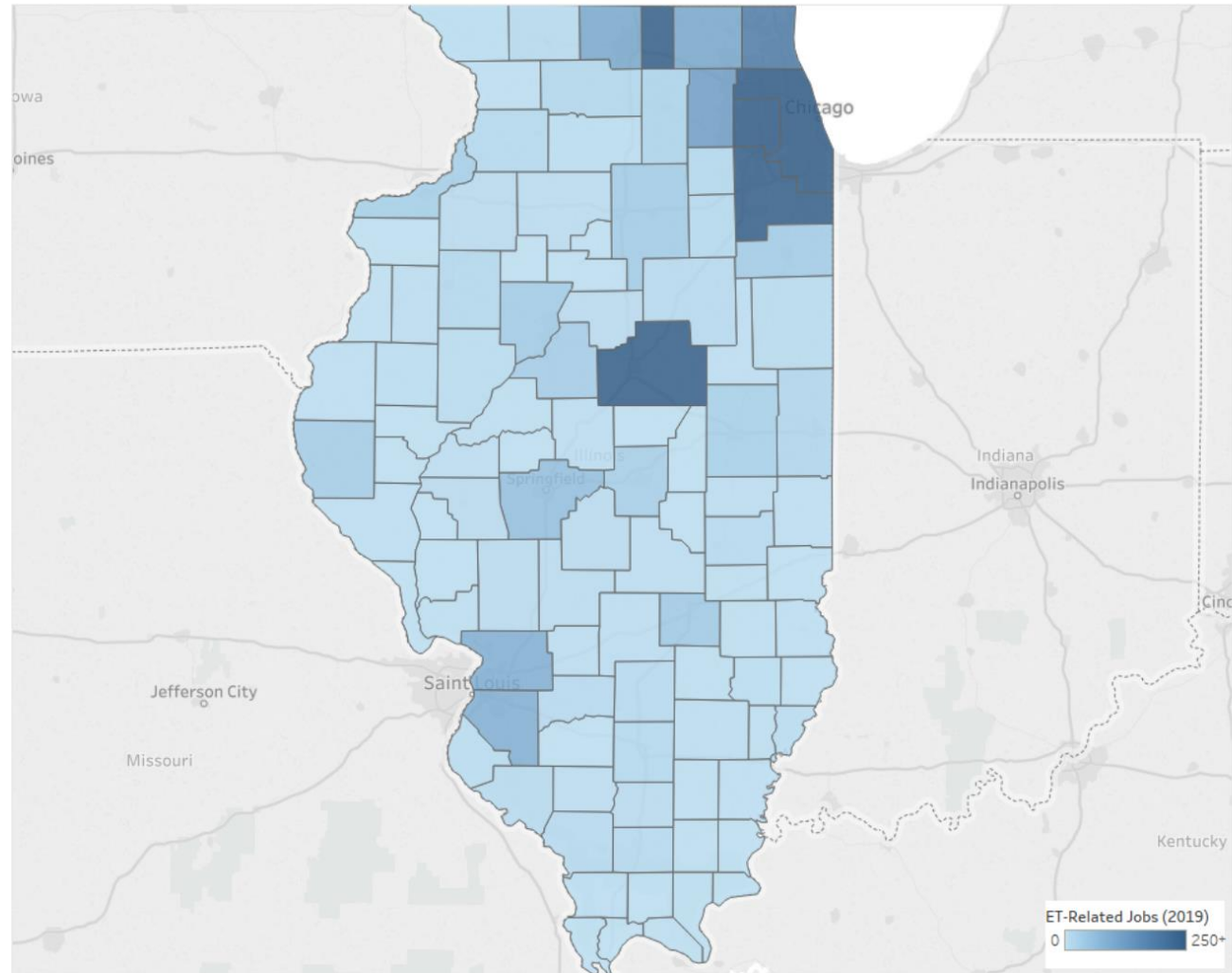
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Projected Electric Transportation Employment and Share of Electric Vehicle (EV) Sales



BW Research Partnership. April 2021. Electrifying IllinoisL Economic Potential of Growing Electric Transportation: Companies, Jobs, Growth Rates, and Opportunities as Electrification Accelerates. [Report]. <https://info.aee.net/electrifying-illinois-economic-potential-of-growing-electric-transportation>

Electric Transportation Related Employment, 2019



BW Research Partnership. April 2021. Electrifying Illinois. Economic Potential of Growing Electric Transportation: Companies, Jobs, Growth Rates, and Opportunities as Electrification Accelerates. [Report].
<https://info.aee.net/electrifying-illinois-economic-potential-of-growing-electric-transportation>

CAREER CLUSTER

MANUFACTURING

EVES

Electric Vehicle - Energy Storage

The HCC Electric Vehicle - Energy Storage program is designed to provide **entry-level** and **upskill** training allowing students to enter, specialize, and advance their careers in **advanced manufacturing** and **renewable energy** through flexible combinations of courses, certificates, and degrees.

ENTRY POINTS

Energy Storage Systems

- Assembler
- Electrical/Electronics Technician
- Electrician
- Laborer
- Maintenance Technician
- Material Handler
- New Student

Electric Vehicle Technology

- Automotive Technician
- Electrical/Electronics Technician
- High School/Previous Automotive Training
- Maintenance Technician
- New Student

CERTIFICATES

| | |
|---|---|
| Energy Storage Technology Skills (16 credits) | Median Income*: \$20.91/hr \$43,495 annually |
|---|---|

- Potential Jobs:
- Energy Storage Assembler
 - Energy Storage System Installer
 - Energy Storage Manufacturing Specialist
 - Energy Storage System Technician

| | |
|--|---|
| Energy Storage Technology Microcertificate (8 credits) | Median Income*: \$17.26/hr \$35,910 annually |
|--|---|

- Potential Jobs:
- EV/ES Assembler
 - Electrician's Helper

| | |
|---|---|
| Electric Vehicle Technology Skills (16 credits) | Median Income*: \$17.02/hr \$35,399 annually |
|---|---|

**The fast-track, 16-week format requires previous automotive training/experience.*

- Potential Jobs:
- Electric Vehicle Production Specialist
 - Electric Vehicle Automotive Mechanic
 - Electric Vehicle Automotive Specialty Mechanic
 - Electric Vehicle Service Technician

ASSOCIATE DEGREE

| | |
|------------------------------------|---|
| Industrial Technology (60 credits) | Median Income*: \$31.49/hr \$65,507 annually |
|------------------------------------|---|

- Potential Jobs:
- Battery Test Technician
 - Energy Storage System Installation Manager
 - Industrial Maintenance Supervisor
 - Manufacturing Supervisor
 - Production Crew Supervisor

ASSOCIATE DEGREE

| | |
|--|---|
| Electric Vehicle Technology (60 credits) | Median Income*: \$27.46/hr \$57,124 annually |
|--|---|

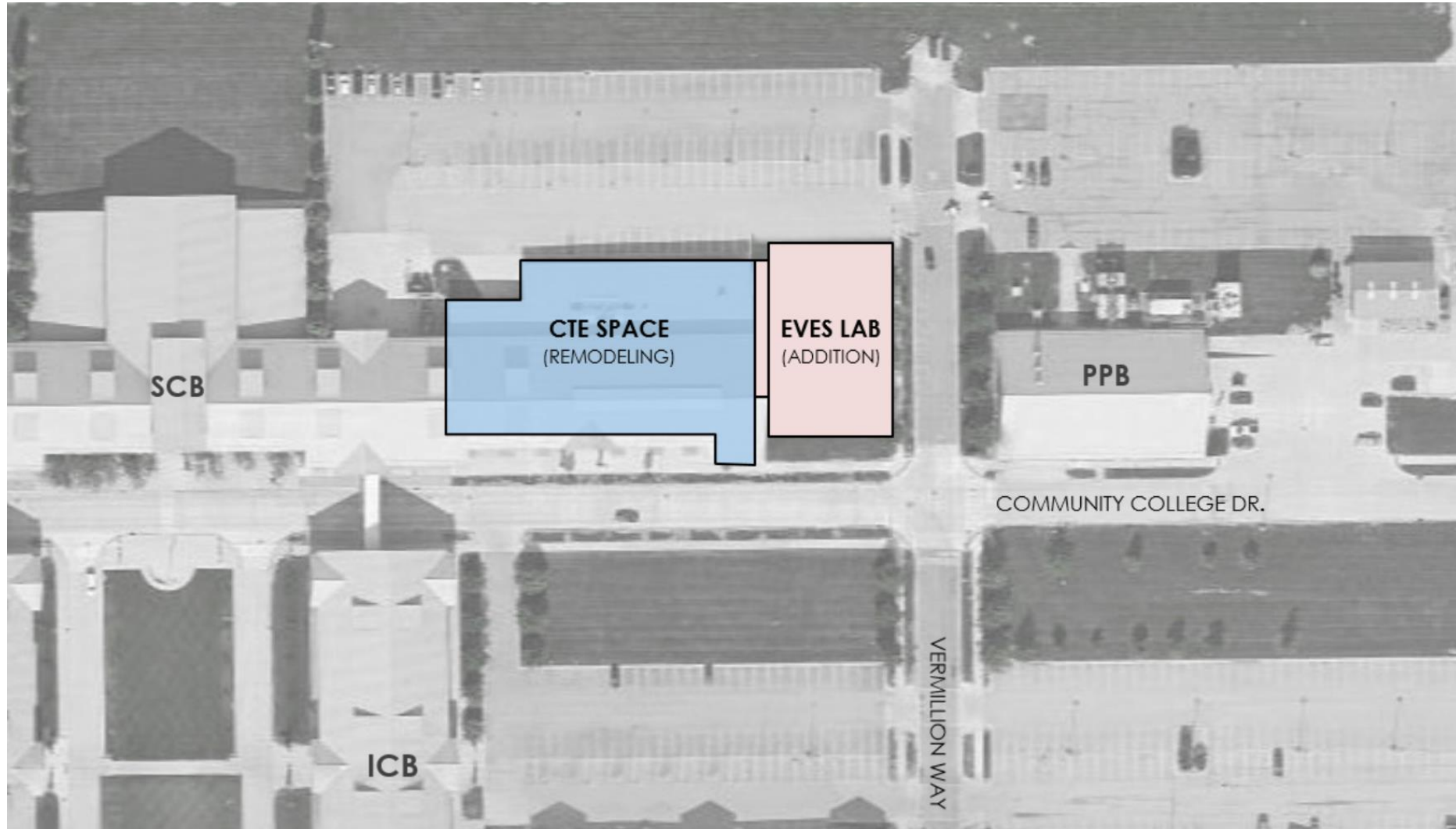
- Potential Jobs:
- Master Automotive Mechanic
 - Integration Specialist
 - Maintenance Supervisor
 - Production Crew Supervisor
 - Manufacturing Supervisor



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ADVANCED MANUFACTURING TRAINING ACADEMY PROPOSED RENNOVATION

SITE/AERIAL



DEMONICA KEMPER ARCHITECTS



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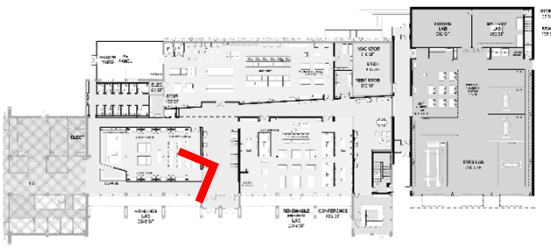
Advanced Manufacturing and Technical Training Center

ADVANCED MANUFACTURING TRAINING ACADEMY

FIRST FLOOR RENNOVATION PLAN – ROBOTICS, RENEWABLE ENERGY, AND HVAC PROGRAMS

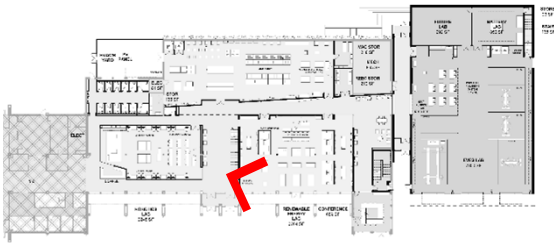
20,175 SF





ADVANCED MANUFACTURING TRAINING ACADEMY RENEWABLE ENERGY LAB INTERIOR PERSPECTIVE





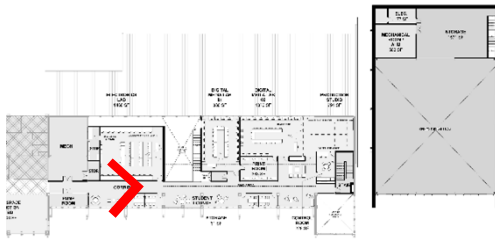
ADVANCED MANUFACTURING TRAINING ACADEMY

ROBOTICS LAB INTERIOR PERSPECTIVE



ADVANCED MANUFACTURING TRAINING ACADEMY

ELECTRONICS LAB INTERIOR PERSPECTIVE



Heartland has Solutions for the Future



Outreach to high school students

Working with our area
career centers, we have
students enrolled in CTE dual
credit courses

Thirty percent of local high
school students do not
attend college after
graduation



Opportunities for upskilling current or underemployed workforce



Anticipate creating or retaining 1,400 jobs over the next decade



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Heartland's Current Programs and Partners



Current Programs

Industrial Technology
Automation Technology
Building Maintenance
Construction
Design and Fabrication
Electric Vehicle
Electronics
Facilities Maintenance
High Voltage Battery
Renewable Energy
Robotics Operation
Technical Management
Welding

- Shielded Metal Arc
- Gas Metal Arc
- Gas Tungsten Arc



Local Career Centers

Bloomington Area Career Center

- Automotive Technology
- Construction Trades
- Graphic Design and Video Production
- Laborer Training
- Robotics and Engineering
- Trades and Manufacturing
- Welding

Livingston Area Career Center

- Automotive Tech
- Construction Trades
- Digital Media
- Welding

Lincolnland Technical Education Center

- Advanced Metals
- Automotive Technology
- Building Trades



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ADVANCED MANUFACTURING

and TECHNICAL TRAINING ACADEMY

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